DECLARATION AND POWER OF ATTORNEY FOR

PATENT APPLICATION

As a below named inventor, I hereby declare that:

the specification of which (check one)

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

CIRCUITS AND METHODS FOR RECOVERING LINK STACK DATA UPON BRANCH INSTRUCTION MIS-SPECULATION

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| × | is attached he | ereto. | | • | |
| | as Applicatio | n Serial No | , | | |
| | | | understand the contents of mended by any amendm | | |
| | | | rmation which is materia e 37, Code of Federal Re | | |
| foreig identi | n application(s fied below any |) for patent or inver foreign application | under Title 35, United Sontor's certificate listed be for patent or inventor's nich priority is claimed: | clow and hat certificate h | ve also |
| Prior | Foreign Applic | ation(s): | Priority Claim | ed | |
| | | | | ☐ Yes | □ No |
| N | umber) | (Country) | (Day/Month/Year) | | |

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information material to the patentability of this application as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

| (Application Serial #) | (Filing Date) | (Status) |
|------------------------|---------------|----------|

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

John W. Henderson, Jr., Reg. No. 26,907; James H. Barksdale, Jr., Reg. No. 24,091; Thomas E. Tyson, Reg. No. 28,543; Robert M. Carwell, Reg. No. 28,499; Jeffrey S. LaBaw, Reg. No. 31,633; Douglas H. Lefeve, Reg. No. 26,193; Casimer K. Salys, Reg. No. 28,900; David A. Mims, Jr., Reg. No. 32,708; Mark E. McBurney, Reg. No. 33,114; Anthony V. S. England, Reg. No. 35,129; Volel Emile, Reg. No. 39,969; Christopher A. Hughes, Reg. No. 26,914; Edward A. Pennington, Reg. No. 32,588; John E. Hoel, Reg. No. 26,279; Joseph C. Redmond, Jr., Reg. No. 18,753; Leslie A. Van Leeuwen, Reg. No. 42,196; Marilyn S. Dawkins, Reg. No. 31,140; Cynthia S. Byrd, Reg. No. 39,365; Richard F. Frankeny, Reg. No. P47,573; Kelly K. Kordzik, Reg. No. 36,571; Barry S. Newberger, Reg. No. 41,527; and Robert A. Voigt, Jr., Reg. No. 47,159.

Send correspondence to: Kelly K. Kordzik, 100 Congress Avenue, Suite 800, Austin, Texas 78701, and direct all telephone calls to Kelly K. Kordzik at (512) 370-2851.

| FULL NAME OF FIRST OR SOLE INVENTOR: LEE EVAN EISEN | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|
| INVENTOR'S SIGNATURE: // DATE: 3/7/0] | | | | | | | | | |
| RESIDENCE: 12717 Cinchring Lane Austin, Travis County, Texas 78727 | | | | | | | | | |
| CITIZENSHIP: U.S.A. | | | | | | | | | |
| FULL NAME OF SECOND INVENTOR: JAMES ALLAN KAHLE | | | | | | | | | |
| INVENTOR'S SIGNATURE: Montrable DATE: 3/7/6/ | | | | | | | | | |
| RESIDENCE: 5312 Tortuga Trail Austin, Travis County, Texas 78731 | | | | | | | | | |
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| FULL NAME OF THIRD INVENTOR: BALARAM SINHAROY | | | | | | | | | |
| INVENTOR'S SIGNATURE: DATE: | | | | | | | | | |
| RESIDENCE: 15 E Hudson Harbor Drive Poughkeepsie, Dutchess County, New York 12601 | | | | | | | | | |
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FULL NAME OF FOURTH INVENTOR: WILLIAM JOHN STARKE

INVENTOR'S SIGNATURE: Willia John

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::ODMA\PCDOCS\AUSTIN_1\159402\1 207:7047-P293US

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| the sp | ecification of w | hich (check one) | | | |
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| | | | understand the contents o mended by any amendme | | |
| | | | mation which is material 237, Code of Federal Reg | | |
| foreign identif | n application(s) led below any f | for patent or invertored | under Title 35, United State of the control of the | low and ha | ve also |
| Prior F | oreign Applica | tion(s): | Priority Claime | ed. | |
| (Nu | ımber) | (Country) | (Day/Month/Year) | ☐ Yes | □ No |

Page 1 of 4

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| FULL NAME (| OF FIRST OR SOLE INVENTOR: LEE E | VAN EISEN |
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| FULL NAME (| OF SECOND INVENTOR: JAMES ALLA | N KAHLE |
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| RESIDENCE: | 15 E Hudson Harbor Drive Poughkeepsie, Dutchess County, New Y | ork 12601 |
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3454351593

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